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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,208	04/25/2001	Ezhilan Narasimhan	SUN-P6058-MEG	8812
28422	7590	03/10/2004	EXAMINER	
HOYT A. FLEMING III P.O. BOX 140678 BOISE, ID 83714			REAGAN, JAMES A	
			ART UNIT	PAPER NUMBER
			3621	

DATE MAILED: 03/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

SW

Office Action Summary	Application No. 09/843,208	Applicant(s) NARASIMHAN, EZHILAN	
	Examiner James A. Reagan	Art Unit 3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. This action is in response to the application filed on 25 April 2001.
2. Claims 1-20 have been examined.

Information Disclosure Statement

3. The Information Disclosure Statement filed on 25 April 2001 (paper #2) has been considered. Initialed copies of the Form 1449 are enclosed herewith.

Specification

4. The use of the trademark PALM™ has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner which might adversely affect their validity as trademarks.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at

the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1, 3-11, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Belford et al. (US 2001/0034675 A1) in view of Stone et al. (US 6,446,045 B1).

Examiner's note: Examiner has pointed out particular references contained in the prior art of record in the body of this action for the convenience of the Applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply. Applicant, in preparing the response, should consider fully the *entire* reference as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

Claim 1:

Belford, as shown, discloses the following limitations:

- a) *displaying a screen on the computer that includes a field for receiving expense report data (see at least Figures 4-7);*
- b) *entering expense report data into the computer (see at least paragraph 0005);*
- c) *displaying a screen on the computer that includes a field for receiving expense item data (see at least Figures 4-7);*

d) entering expense item data into the computer (see at least paragraph 0005);

Belford does not disclose:

e) transmitting the expense report data from the computer to the server via a wireless network; and

f) transmitting the expense item data from the computer to the server via the wireless network.

Stone, however, discloses the purchasing of goods and services using a wireless laptop computer or a cell phone (column 6, lines 52-53). It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of wireless technology as shown by Stone because transmitting expense reports via a cell phone or other similar wireless network provides a mechanism for quickly, efficiently, and cost-effectively filing expense reports without relying on slower and/or less reliable methods.

Claims 3-7:

Belford, as shown, discloses the following limitations:

- *entering a date (see at least Figure 4, date fields).*
- *entering a plurality of dates (see at least Figure 4, date fields).*

- *entering a plurality of dates and a title of an expense event* (see at least Figure 4, date fields, company field, title; Figures 6 and 7).
- *entering the type of the expense item* (see at least Figure 4, code and category fields, comment fields).
- *selecting an expense item type from a plurality of expense item types* (see at least Figure 4, code and category fields, comment fields).

Belford does not specifically show that a title can be entered into the expense report. However Belford does show titles to the expense reports (budget worksheet), company fields for inserting company names and other subject fields where identifying data can be instantiated. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Belford to include a modifiable title field because this would identify the expense worksheet with a specific expense.

Claim 8:

With regard to the limitation of *entering a monetary amount*, Belford discloses fields for entering amounts (see at least Figure 4).

Claim 9:

With regard to the limitation of *transmitting the expense report via a Palm network*, Belford, in paragraph 0022, discloses a web based digital assistant but does not specifically disclose a PDA or PALM™ unit. However, Stone discloses

wireless communication at column 6, lines 52-53. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Belford's disclosure of the personal digital assistant (PDA) with Stone's discussion of wireless applications because most personal digital assistants are, in fact, wireless devices.

Examiner's Note: It is unusual for a claim limitation to narrowly direct the scope of the limitation to a specifically trademarked item, unless the Applicant or Assignee has an affiliation with the trademark. In the present case, the Applicant may want to consider changing the limitation language from that of a *Palm network* to a wireless network, or a network suited for a personal digital assistant (PDA).

Claim 10:

The combination of Belford/Stone discloses the wireless expense tracking and approval system as shown above. Belford/Stone do not specifically disclose *transmitting the expense report via a cellular phone network*. However, Stone discloses the purchasing of goods and services using a wireless laptop computer or a cell phone (column 6, lines 52-53). It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of cell phone technology as shown by Stone because transmitting expense reports via a cell phone or other similar wireless network provides a mechanism

for quickly, efficiently, and cost-effectively filing expense reports without relying on slower and/or less reliable methods.

Claim 11:

The combination of Belford/Stone discloses the wireless expense tracking and approval system as shown above. Belford/Stone do not specifically disclose:

- g) entering a user ID into the computer; and*
- h) entering a password into the computer.*

However, Stone, in column 23, line 67, discloses log in and password control. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of specific user ID's and user assigned passwords as shown by Stone because using a specific user ID and user assigned password decreases the occurrences of fraudulent behavior due to the unsanctioned access of expense reports and expense accounting by unauthorized personnel.

Claim 15:

Belford, as shown, discloses the following limitations:

- a) displaying a screen on the computer that includes a field for receiving expense report data (see at least Figures 4-7);*
- b) entering expense report data into the computer (see at least paragraph 0005);*

- c) displaying a screen on the computer that includes a field for receiving expense item data (see at least Figures 4-7);*
- d) entering expense item data into the computer (see at least paragraph 0005);*
- g) displaying a second screen on the computer that includes a field for receiving second expense item data (see at least Figures 4-7);*
- h) entering second expense item data into the computer (see at least paragraph 0005);*

Belford does not disclose:

- e) transmitting the expense report data from the computer to the server via a wireless network; and*
- f) transmitting the expense item data from the computer to the server via the wireless network.*

Stone, however, discloses the purchasing of goods and services using a wireless laptop computer or a cell phone (column 6, lines 52-53). It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of wireless technology as shown by Stone because transmitting expense reports via a cell phone or other similar wireless network provides a mechanism for quickly, efficiently, and cost-effectively filing expense reports without relying on slower and/or less reliable methods.

The combination of Belford/Stone discloses the wireless expense tracking and approval system as shown above. Belford/Stone do not specifically disclose:

g) entering a user ID into the computer; and

h) entering a password into the computer.

However, Stone, in column 23, line 67, discloses log in and password control. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of specific user ID's and user assigned passwords as shown by Stone because using a specific user ID and user assigned password decreases the occurrences of fraudulent behavior due to the unsanctioned access of expense reports and expense accounting by unauthorized personnel.

7. Claims 2 and 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Belford/Stone and further in view of McKeen, Jr. (US 4,037,956).

Claim 2:

With regard to the limitations of *generating a temporary expense report ID and generating an expense item ID*, Belford discloses an invoice number and category codes i.e. expense item identification numbers (see at least Figures 4-7). Belford does not specifically disclose that the invoice number is a temporary number. McKeen, however, in column 2 lines 13-17 discloses temporary identification numbers and permanent identification numbers. It would have been

obvious to one of ordinary skill in the art at the time of the invention to combine the invoice number tracking system of Belford with McKeen's long-standing and recognized use of temporary and permanent identification numbers. Assigning a temporary identification number to expensive invoices that have not been completed or approved, and subsequently assigning a permanent invoice number once an expense report has been approved, provides a process and an indication which indicates that an invoice has been properly completed and approved without requiring further updates or changes.

Claim 12:

The combination of Belford/Stone/McKeen discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/McKeen does not specifically disclose:

- g) storing the temporary expense report ID and the expense report data in a first file on the computer; and*
- h) storing the temporary expense report ID, the expense item ID and the expense item data in a second file on the computer.*

However, Belford does disclose a database server connected to a centralized database (paragraph 0023), and updating the tracking system (paragraph 0044 and 0050), essentially disclosing storage of data. Belford does not specifically disclose that the temporary expense report identification and expense item ID and data are stored at a second location on a computer. However, Stone, in column 15 lines 1 through 25 does disclose a mirror hard disk

and frequent backups of data storage. It would have been obvious to one of ordinary skill in the art at the time of the invention to store different aspects of the expense report in different locations on a computer because this protects the data from file corruption's that might delete a file or render a file inaccessible. Storing different files or variations of a single file in several locations on the hard disk reduces the chances of losing all of the data concerning a specific expense report.

Claim 13:

The combination of Belford/Stone/McKeen discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/McKeen does not specifically disclose:

- g) receiving a final expense report ID from the server; and*
- h) replacing the temporary expense report ID in the computer with the final expense report ID.*

However, Belford, in paragraph 0039 discloses account Manager approval of the expense invoice and in paragraph 0044 discloses updating the tracking system as well as a wire transfer. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the expense report tracking system of Belford/Stone/McKeen to send out a currently filed final expense report and identification number. Concurrently, it is also routine that tentative expense reports are only reimbursed after approval by senior accounting staff and that the disbursement of monetary funds should be kept as a record after the final and

approved expense report has been filed with few proper updates, corrections, and a final identification numbers as a historical record of disbursements.

Claim 14:

The combination of Belford/Stone/McKeen discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/McKeen does not specifically disclose:

- i) storing the final expense report ID in a first file on the computer;*
- j) storing the final expense report ID and the expense item ID in a second file on the computer.*

However, Belford does disclose a database server connected to a centralized database (paragraph 0023), and updating the tracking system (paragraph 0044 and 0050), essentially disclosing storage of data. Belford does not specifically disclose that the final expense report identification and expense item ID are stored at a second location on a computer. However, Stone, in column 15 lines 1 through 25 does disclose a mirror hard disk and frequent backups of data storage. It would have been obvious to one of ordinary skill in the art at the time of the invention to store different aspects of the expense report in different locations on a computer because this protects the data from file corruption's that might delete a file or render a file inaccessible. Storing different files or variations of a single file in several locations on the hard disk reduces the chances of losing all of the data concerning a specific expense report.

8. Claims 16 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Belford/Stone and further in view of Bouet (US 2002/0093923 A1).

Claim 16:

Belford, as shown, discloses the following limitations:

- b) displaying a second screen on the computer, the second screen containing a field for receiving expense report data (see at least Figures 4-7);*
- c) displaying a third screen on the computer, the third screen containing a field for receiving expense item data (see at least Figures 4-7);*

The combination of Belford/Stone discloses the wireless expense tracking and approval system as shown above. Belford/Stone do not specifically disclose *a) displaying a first screen on the computer, the first screen containing a field for receiving a user ID and a field for receiving a password.* However, Stone, in column 23, line 67, discloses log in and password control. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the expense tracking and reporting system of Belford with the pervasive and widespread use of specific user ID's and user assigned passwords as shown by Stone because using a specific user ID and user assigned password decreases the occurrences of fraudulent behavior due to the unsanctioned access of expense reports and expense accounting by unauthorized personnel. In addition, although Stone does not specifically disclose a first screen that displays log in and

password entry fields, it would have been obvious to one of ordinary skill in the art at the time of the invention to use a double field entry screen to supply user ID's and passwords because this technique is a popular a user-friendly way of ensuring that only authorized personnel are granted access to sensitive documents.

The combination of Belford/Stone discloses the wireless expense tracking and approval system as shown above. Belford/Stone do not specifically disclose *d) displaying a fourth screen on the computer, the fourth screen indicating the status of a wireless data transfer from the computer to a server.* Bouet, however, in at least Figure 5 and associated text, discloses a download status indicator in a wireless device. Although Bouet discloses a download indicator, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the wireless expense tracking and reporting system of Belford/Stone with the pervasive and widespread use of data transfer status indicators because such meters provide an indication of the time required to fully transfer a file.

Claim 18:

The combination of Belford/Stone/Bouet discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/Bouet does not specifically disclose *e) displaying a fifth screen on the computer, the fifth screen containing a final expense report ID.* However, Belford, in paragraph 0039 discloses account manager approval of the expense invoice and in paragraph 0044 discloses updating the tracking system as well as a wire

transfer. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the wireless expense report tracking system of Belford/Stone/Bouet to display currently filed final expense report and identification numbers because this would provide an indication that the expense report was properly filed, accepted, and approved by a signatory authority.

Claim 19:

The combination of Belford/Stone/Bouet discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/Bouet does not specifically disclose *e) displaying a fifth screen on the computer, the fifth screen containing a temporary expense report ID and a final expense report ID.* However, Belford, in paragraph 0039 discloses account Manager approval of the expense invoice and in paragraph 0044 discloses updating the tracking system as well as a wire transfer. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the wireless expense report tracking system of Belford/Stone/Bouet to simultaneously display currently filed final expense report and identification numbers as well as the associated temporary expense report and identification numbers because this would provide an indication that the expense report was properly filed, accepted, and approved by a signatory authority, as well as providing a document history associated with updated expense reports.

Claim 20:

The combination of Belford/Stone/Bouet discloses temporary and permanent invoice tracking numbers as shown above. Belford/Stone/Bouet do not specifically disclose *e) displaying a fifth screen on the computer, the fifth screen containing a final expense item ID that was transmitted from a server to the computer*. However, Belford, in paragraph 0039 discloses account manager approval of the expense invoice and in paragraph 0044 discloses updating the tracking system as well as a wire transfer. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the wireless expense report tracking system of Belford/Stone/Bouet to display currently filed final item identification numbers because this would provide an indication that the expense report was properly filed, accepted, and approved by a signatory authority, and transmitting the final report to person involved with the reimbursement process.

9. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Belford/Stone/Bouet, and further in view of McKeen.

Claim 17:

With regard to the limitations of *e) displaying a fifth screen on the computer, the fifth screen containing a temporary expense report ID*, Belford discloses an invoice number and category codes i.e. expense item identification numbers (see at least Figures 4-7). Belford does not specifically disclose that the invoice number is a temporary number. McKeen, however, in column 2 lines

13-17 discloses temporary identification numbers and permanent identification numbers. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the invoice number tracking system of Belford with McKeen's long-standing and recognized use of temporary and permanent identification numbers. Assigning a temporary identification number to inexpensive invoice that has not been completed or approved, and subsequently assigning a permanent invoice number once an expense report has been approved provides a means and an indication which indicates that an invoice has been properly completed and approved without requiring further updates or changes.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to **James A. Reagan** whose telephone number is **(703) 306-9131**. The examiner can normally be reached on Monday-Friday, 9:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **James Trammell** can be reached at (703) 305-9768.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Receptionist** whose telephone number is **(703) 305-3900**.

Any response to this action should be mailed to:

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(703) 308-1396 [Informal/Draft communications, labeled
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Hand delivered responses should be brought to Crystal Park 5, 2451
Crystal Drive, Arlington, VA, 7th floor receptionist.

JAR
05 March 2004

